



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

TM31/1205

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/407,371	09/28/99	019	MAUNG, Z	2154 12/05/00
First Named Applicant	ROTHSCHILD, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION: SERVER-GROUP MESSAGING SYSTEM FOR INTERACTIVE APPLICATIONS

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
0 1719.0050002	709-245.000	V94	UTILITY	NO	\$1240.00	03/05/01

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

- I. Review the SMALL ENTITY status shown above.
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
 - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
 - B. If the status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
 - A. Pay FEE DUE shown above, or
 - B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give application number and batch number.
Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

Notice of Allowability

Application No.
09/407,371

Applicant(s)
Rothschild et al.

Examiner
Zarni Maung

Group Art Unit
2154



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to 2/17/2000

☒ The allowed claim(s) is/are 17-35

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☒ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance

ZARNI MAUNG
PRIMARY EXAMINER
ART UNIT 2154

Serial Number: 09/407,371

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#9B
S. Sand
12/4/00
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1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Raymond Millien (Registration No. 43,806) on December 1, 2000.

3. In the claims,

Please amend the claims as follows:

Claim 17, line 15, please delete the word "whereby" and insert -- wherein--;

Claim 19, line 14, please delete the word "whereby" and insert -- wherein --;

Claim 21, line 11, please delete the word "whereby" and insert -- wherein --;

Claim 23, line 10, please delete the word "whereby" and insert -- wherein --;

Claim 34, line 6, after the words "forming a server message", please insert the word
--- by --;

Claim 34, line 6, after the words "said payload portion of said host message;and ",
Please insert -- aggregating said payload portion with the payload portion of a second
host message received from another of the plurality of host computers belonging to said
message group ---.

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Claim 10, line 13, after the words "basic commands", please insert --- , and wherein the generating is performed by an intelligent device of the plurality of devices in the network ----;

Claim 18, line 13, after the words "basic commands", please insert --- , and wherein the generating is performed by an intelligent device of the plurality of devices in the network ----;

Claim 23, line 12, after the words "basic commands", please insert --- , and wherein the generating is performed by an intelligent device of the plurality of devices in the network ----;

4. The following is an examiner's Statement of Reasons for Allowance:

The present claims are allowable over the applied art of record for the following reasons:

None of the prior art of record teaches or suggests the method for facilitating communications among a plurality of host computers over a network, wherein said method comprises the steps of receiving a create message from said host computers, receiving join messages from a first subset of said computers, receiving host messages from a second subset of said first subset of computers belonging to said message group, wherein each of said messages contains a payload portion and a portion that is used to identify said message group, aggregating said payload portions of said messages received from said second subset of computers, forming an aggregated message using said aggregated payload, and transmitting said aggregated message to said first set of

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computer as set forth in the claims and the specification.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zarni Maung whose telephone number is (703) 308-6687. The examiner can normally be reached on Monday-Friday from 9:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng An, can be reached on (703) 305-9678. The fax phone number for this Group is (703) 308-9052.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600.


ZARNI MAUNG
PRIMARY EXAMINER

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